Receipt date: 04/28/2006 PTO/SB/08a (08-03)
Approved for use through 07/31/2008. OMB 0851-0031

Approved for use through 0731/2006. OMB 0651-0031

U.S. Patent and Trainact Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless to rotatinas a valid Orter funding.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99)	Application Number			
	Filing Date			
	First Named Inventor Mena		achem H. Graupe	
	Art Unit			
	Examiner Name			
	Attorney Docket Number	er	UIC0340 102	

U.S.PATENTS Remove											
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue E	Date	of cited Document		Releva	,Columns,Li int Passage s Appear		
	1	5209237		1993-0	5-11	Rosenthal					
	2	5917919		1999-0	6-29	Rosenthal	Rosenthal				
If you wis	h to a	dd additional U.S. Pater	Patent citation information please click the Add button.  Add								
U.S.PATENT APPLICATION PUBLICATIONS Remove											
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publica Date	ition	of cited Document		Releva	Columns,Li int Passage s Appear		
	1										
If you wis	If you wish to add additional U.S. Published Application citation information please click the Add button. Add										
				FOREIG	ON PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country	y Code²	Kind Code4	Publication Date	Name of Patente Applicant of cited Document	e or	Pages,Colur where Relev Passages or Figures App	ant Relevant	T5
	1	03/028550	wo		A2	2003-04-10	Qinetiq Limited				
If you wish to add additional Foreign Patent Document citation information please click the Add button Add											
	NON-PATENT LITERATURE DOCUMENTS Remove										

Receipt date: 04/28/2006	Application Number		
INFORMATION DIGGL COURT	Filing Date		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	First Named Inventor	Mena	ichem H. Graupe
	Art Unit		
	Examiner Name		
	Attorney Docket Numb	er	UIC0340.102

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	K. REED, "Diagnosis and Treatment of Fetal Cardiac Arrhythmias," UpToDate Patient Information - Publication, October 2004, 2 pp., UpToDate.com, Wellesley, MA, USA	
	2	P. SULIGA & D. GRAUPE, "Smart Engineering System Design: Neural Networks, Fuzzy Logic, Evolutionary Programming, Data Mining, and complex Systems," Intelligent Engineering Systems Through Artificial Neural Networks Vol. 12 - Book, November 2002, 690-694 (6 pp.), ASME Press, New York, USA	
	3	P. DINIZ, E. DA SILVA & S. NETTO, Digial Signal Processing System Analysis and Design - Book, 2002, 427-441 (17 pp.), The Press Syndicate of the University of Cambridge, Cambridge, United Kingdom	
	4	A. OPPENHEIM & R. SCHAFER, Digital Signal Processing - Book, 1975, 500-507; 528-529 (12 pp.), Prentice-Hall, Inc., Englewood Cliffs, New Jersey, USA	
	5	A. CICHOCKI & S. AMARI, Adaptive Blind Signal and Image Processing Learning Algorithms and Applications - Book, 2002, 243-253; 285-291 (20 pp.), John Wiley & Sons, Ltd., West Sussex, England	
	6	D. GRAUPE, Time Series Analysis, Identification and Adaptive Filtering - 2nd Edition - Book, 1989, 61-61; 195-206; 217-226 (26 pp.), Robert E. Krieger Publishing Co., Malabar, Florida, USA	
	7	L. TONG, R. LIU ET AL., "Indeterminacy and Identifiability of Blind Identification," IEEE Transactions on Circuits and Systems, Vol. 38, No. 5 - Publication, May 1991, 499-509 (11 pp.), IEEE (Institute of Electrical & Electronics Engineers), USA	
	8	D. GRAUPE, 'Blind Adaptive Filtering of Speec from Noise of Unknown Spectrum Using a Virtual Feedback Configuration,' IEEE Transactions on Speec and Audio Processing, Vol. 8, No. 2 - Publication, March 2000, 146-158 (13 pp.), IEEE (Institute of Electrical & Electronics Engineers), USA	
	9	D. VESELINOVIC & D. GRAUPE, "A Wavelet Transform Approach to Blind Adaptive Filtering of Speech from Unknown Noises," IEEE Transactions on Circuits and Systems-II: Analog and Digital Signal Processing, Vol. 50, No. 3 - Publication, March 2003, 150-154 (5 pp.), IEEE (Institute of Electrical & Electronics Engineers), USA	
	10	D. GRAUPE, "Principles of Artificial Neural Networks," Advanced Series on Circuits and Systems - Vol. 3 - Book, 1999, 1 (7 pp.), World Scientific Publishing Co. Pte. Ltd., Singapore.	

leceipt date: 04/28/2006	Application Number		
NFORMATION DISCLOSURE STATEMENT BY APPLICANT Not for submission under 37 CFR 1.99)	Filing Date		
	First Named Inventor Mena		chem H. Graupe
	Art Unit		
	Examiner Name		
	Attorney Docket Number		UIC0340.102

If you wis	11	1999 (	799, Proceedings of the 1999 IEEE Internation 1999-05-30), pages V78-V81, XP002287269	ng Using State Space Models," Circuits and S onal Symposium on Orlando, FL, USA, IEEE, ISBN: 0-7803-5471-0, the whole document ation information please click the Add but	US, vol. 5, 30 May	
			EXAMINER	RSIGNATURE		
Examiner	r Signa	ture	/Jon Eric Morales/	Date Considered	04/21/2009	
				tion is in conformance with MPEP 609. It of this form with next communication to		

<sup>1</sup> See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

Receipt date: 04/28/2006	Application Number		
INFORMATION DIGGI COURT	Filing Date		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	First Named Inventor	Mena	nchem H. Graupe
	Art Unit		
	Examiner Name		
	Attorney Docket Number	er	UIC0340.102

## CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

7	Nor

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22314-1450.

Receipt date: 04/28/2006

## **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is SU.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.